

Babywell Bubble CPAP

MEDISYS[®]

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PRODUCT CATALOGUE



BUBBLE CPAP SYSTEM (BCPAP)

Brand: MEDISYS, Model: Babywell

Reliable Neonatal Respiratory Support Solution

Product Overview

The BABYWELL BUBBLE CPAP System is designed to deliver consistent and controlled respiratory support to neonates and infants. It ensures optimal airway pressure, improved oxygenation, and enhanced patient comfort through a safe and efficient non-invasive mechanism.

Key Features

- Precise CPAP delivery (1–10 cm H₂O)
- Wide flow range (1–12 LPM)
- Integrated air-oxygen blender for accurate FiO₂ control
- Heated humidification for patient comfort
- User-friendly interface with clear display
- Low noise operation (<35 dBA)
- Compact, mobile design with locking casters

Special Features

- Bubble-based pressure generation for natural oscillations
- Built-in pressure safety valve
- High visibility graduated bubble chamber
- Compatible with multiple nasal interfaces
- Suitable for CPAP + Heated Humidified High Flow Therapy
- Designed for continuous operation in tough environments

Monitoring Parameters

- Pressure (cmH₂O)
- FiO₂ (%)
- Flow Rate (LPM)
- Air Leak (%)
- Respiration Rate
- Temperature

Optional / Upgradeable Features

- Advanced oxygen analyser
- Extended battery backup
- Additional humidifier configurations
- Transport/portable configuration
- Advanced monitoring module integration

Accessories & System Configuration

- CPAP generator with bubble chamber
- Servo-controlled humidifier with reusable chamber
- Heater wire & temperature probe
- Air-Oxygen blender
- Reusable breathing circuits
- Nasal masks (S/M/L)
- Nasal prongs (Size 0,1,2,3 – Hudson type)
- Infant bonnets (various sizes)
- Oxygen & air hoses
- Stainless steel mounting stand with wheels

Technical Specifications

Parameter	Specification
CPAP Range	1 – 10 cm H ₂ O
Flow Range	1 – 12 LPM
Accuracy	±1 cm H ₂ O
Bubble Chamber Capacity	>300 ml
Noise Level	<35 dBA
Alarm Sound	65 dBA
Power Supply	220 ±10% VAC, 50 Hz
Battery Backup	≥ 1 hour
Operating Temp	-10°C to 60°C
Humidity	Up to 90% RH

Warranty & Commercial Support

- Warranty: 3 years including all spare parts and accessories & Preventive maintenance visits at least once in each quarter
- Assured availability of spares, consumables & service support throughout product lifecycle

OUR EXISTENCE



■ Distributors / Channel partners / Representatives
■ Representatives

MEDISYS®

Premier Medical Systems and Devices Pvt. Ltd.

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